DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/2011

Jaclyn Sexton
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. ███████.
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.

2. Drug Analysis Laboratory Receipt.

3. Control Cards with analytical results for samples # ████████████

4. Analysis sheets with custodial chemist's hand notations and test results.

5. GC spectral analytical data for samples # ██████████

6. GC/Mass Spectral analytical data for samples # ██████████

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

<center>Curriculum Vitae</center>

Annie Khan (Dookhan)

Education:
University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:
2003 – present
Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
*Maintenance and repairs of all analytical instruments.
*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
*Oversee the Quality Control/Quality Assurance program for the Drug Lab.
*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
*Notary Public.
*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003
QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
*Writing, revising and reviewing Standard Operating Procedures (SOPs).
*Trained and supervised new chemists and interns for the department.
*Routine QC testing of products for the FDA.
*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
*Complete testing of chemicals for Vendor Validation Project for the FDA.
*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:
Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:
American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003
MERRIMACK COLLEGE
Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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Employment

Chemist II State Laboratory Institute (March 2008-Present)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➢ Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
➢ Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
➢ Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➢ Responsible for the identification of substance to determine violation of the Massachusetts drug laws
➢ Operate analytical instrumentation for the purpose of performing forensic drug analysis
➢ Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
➢ Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)
SENSOR TECHNOLOGIES, INC - Shrewsbury, MA
➢ Prepared chemistries used in making sensor beads
➢ Generated and examined sensors employing fluorescence spectroscopy
➢ Performed protein, dye and sugar assays using UV/VIS spectrophotometry
➢ Carried out titrations on ricin using fluorescence correlation spectroscopy
➢ Statistical analysis of experimental data

Intern (March 2003 – August 2003)
MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA
➢ Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
➢ Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Hours
9:00 – 12:00
1:00 – 3:00

City or Department: _Quincy_   Police Reference No. ███████

Name and Rank of Submitting Officer: _Det. W. Ward_

Defendant(s) Name (last, first, initial): ███████

To be completed by Submitter **Description of Items Submitted**	To be completed by Lab Personnel **Gross Weight**	**Lab Number**
one p/b white powder substance	3.86 gr	
cap w/ white powder substance	9.10 gr	
Bottle Inositol w/ white powder	45.84 gr	
Silver scale w/ residue	131.83 gr	
* (PLEASE TEST ALL ITEMS) *		

Received by: _____   Date: _11·12·10_

No.: ███████
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: ███████

Amount:
No. Cont: 1   Cont: pb
Date Rec'd: 11/12/2010
Gross Wt.: 3.86

Date Analyzed: 12/28/10

Subst: SUB

No. Analyzed:
Net Weight: 1.48
Tests: 6 ASD
• 2(UAC

Prelim: Cocaine

Findings: Cocaine

No.: ███████
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: ███████

Amount:
No. Cont: 1   Cont: cap pb
Date Rec'd: 11/12/2010
Gross Wt.: 9.10

Date Analyzed: 12-23-10

Subst: SUB

No. Analyzed:
Net Weight:
Tests: 6 ASD

Prelim:

Findings: negative

No.: ███████
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: ███████

Amount:
No. Cont: 1   Cont: pc
Date Rec'd: 11/12/2010
Gross Wt.: 75.84

Date Analyzed: 12-23-10

Sub
Subst: STEM

No. Analyzed:
Net Weight:
Tests: 6 ASD

Prelim:

Findings: negative

(rotated form, left margin)

ε

No.: ███████
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: ███████

Amount:
No. Cont: 1   Cont: scale
Date Rec'd: 11/12/2010
Gross Wt.: 131.83

Date Analyzed: 12/28/10

Subst: RES

No. Analyzed:
Net Weight:
Tests: 8 ASD
• 2(UAC

Prelim: Cocaine

Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # ████████ AGENCY _Quincy_ ANALYST _DSO_

No. of samples tested: _____   Evidence Wt. _____

PHYSICAL DESCRIPTION:

     white powdered substance in bag

Gross Wt ( ): _1.8820_

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: _1.4812_

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (+) _____

Marquis ___—___

Froehde's ___—___

Mecke's ___—___

Microcrystalline Tests

Gold
Chloride ___+___

TLTA (+) _____

OTHER TESTS

_____

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS _Cocaine_

DATE _12-21-10_

GC/MS CONFIRMATORY TEST

RESULTS _Cocaine_

MS
OPERATOR _ICAC_

DATE _12-28-10_

Revised 7/2005

DRUG POWDER ANALYSIS FORM

SAMPLE # █████████████ AGENCY Quincy ANALYST ASO

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION:

White powdered substance
in pb

also contained cap

Gross Wt ( ): _____

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: 1.4371

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (−) ⌒ _____

Marquis _____

Froehde's ⌒ _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

Dille − − _____

GC ≠ ⊖ _____

_____

PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 12-21-10

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE 12-23-10

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████ AGENCY _Quincy_ ANALYST _AS9_

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION:

Gross Wt (   ): _71-9350_

    white powdered substance Gross Wt (   ): _____

         in 1pc Pkg. Wt: _____

    pc label inositol. Net Wt: _81.8198_

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (–) ~ _____

Marquis _____ ~

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA (   ) _____

OTHER TESTS

_D116 = –_

_GC ⊖_

PRELIMINARY TEST RESULTS

RESULTS _Negative_

DATE _12-21-10_

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _12-23-10_

Revised 7/2005

DRUG POWDER ANALYSIS FORM

SAMPLE # [redacted]   AGENCY _Quincy_   ANALYST _AD?_

No. of samples tested: _____   Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt ( ): _____

Residue in scale   Gross Wt ( ): _____

                                         Pkg. Wt: _____

                                         Net Wt: _____

scraped + rinse

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (+) _____

Marquis ___ − _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _+_____

TLTA (+) + _____

OTHER TESTS

MW⊕ MW⊕ Dup⊕

GC⊕ weak

_____

PRELIMINARY TEST RESULTS

RESULTS _Cocaine + THC_

DATE _12-21-10_

GC/MS CONFIRMATORY TEST

RESULTS _Cocaine_

MS
OPERATOR _ICAC_

DATE _12-28-10_

Revised 7/2005

===

```
Acq. Operator    :                          Seq. Line :   1
Acq. Instrument  : Drug Lab GC#3            Location : Vial 1
Injection Date   : 12/21/2010 10:29:55 AM       Inj :   1
                                          Inj Volume : 1 µl
Sequence File    : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method           : C:\CHEM32\1\METHODS\SCREEN.M
Last changed     : 8/3/2010 11:51:05 AM
```
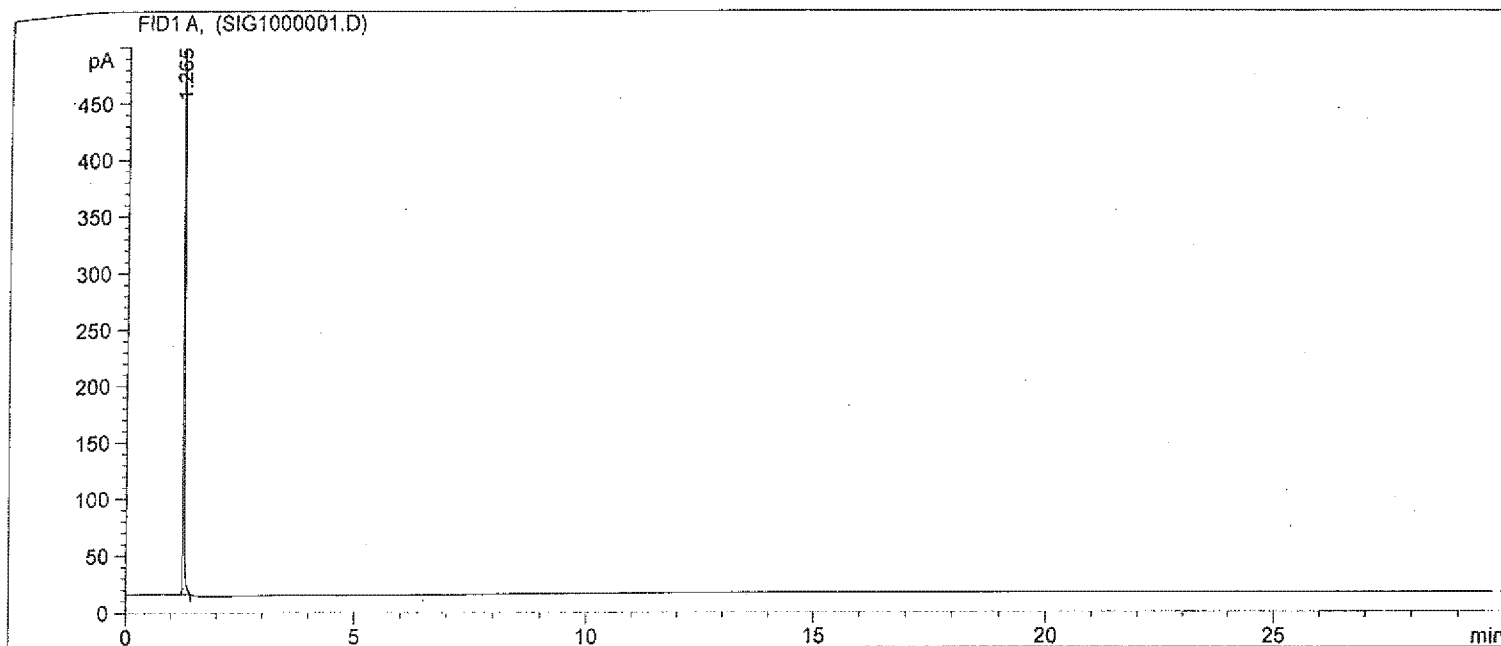
===

===

Area Percent Report

===

```
Sorted By           :        Retention Time
Multiplier:         :           1.0000
Dilution:           :           1.0000
Sample Amount:      :           1.00000  [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.265	1	BB S	7.56951e4	7.62395e4	1.000e2

```
Totals :                     7.56951e4   7.62395e4
```

===

*** End of Report ***

===

```
=====================================================================
 Operator      :
 Instrument : Drug Lab GC#3                    Seq. Line :    2
 Injection Date : 12/21/2010 11:04:11 AM       Location : Vial 2
                                                    Inj :    1
                                            Inj Volume : 1 µl

 Sequence File  : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
 Method         : C:\CHEM32\1\METHODS\SCREEN.M
 Last changed   : 8/3/2010 11:51:05 AM
=====================================================================
```



```
=====================================================================
                    Area Percent Report
=====================================================================

Sorted By            :       Retention Time
Multiplier:                  :        1.0000
Dilution:                    :        1.0000
Sample Amount:               :        1.00000  [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type     Area       Height      Area
  #   [min]             [pA*s]        [pA]         %
----|-------|---|----|----------|-----------|---------|
   1   1.265   1  BB S 7.81225e4  7.48748e4   99.23159
   2   4.717   1  BB     13.01005   14.00259    0.01653
   3   7.284   1  BB    243.28558  315.11765    0.30902
   4   7.850   1  BB    348.65662  433.11395    0.44287

Totals :             7.87275e4   7.56370e4
```

```
=====================================================================
                    *** End of Report ***
=====================================================================
```

===
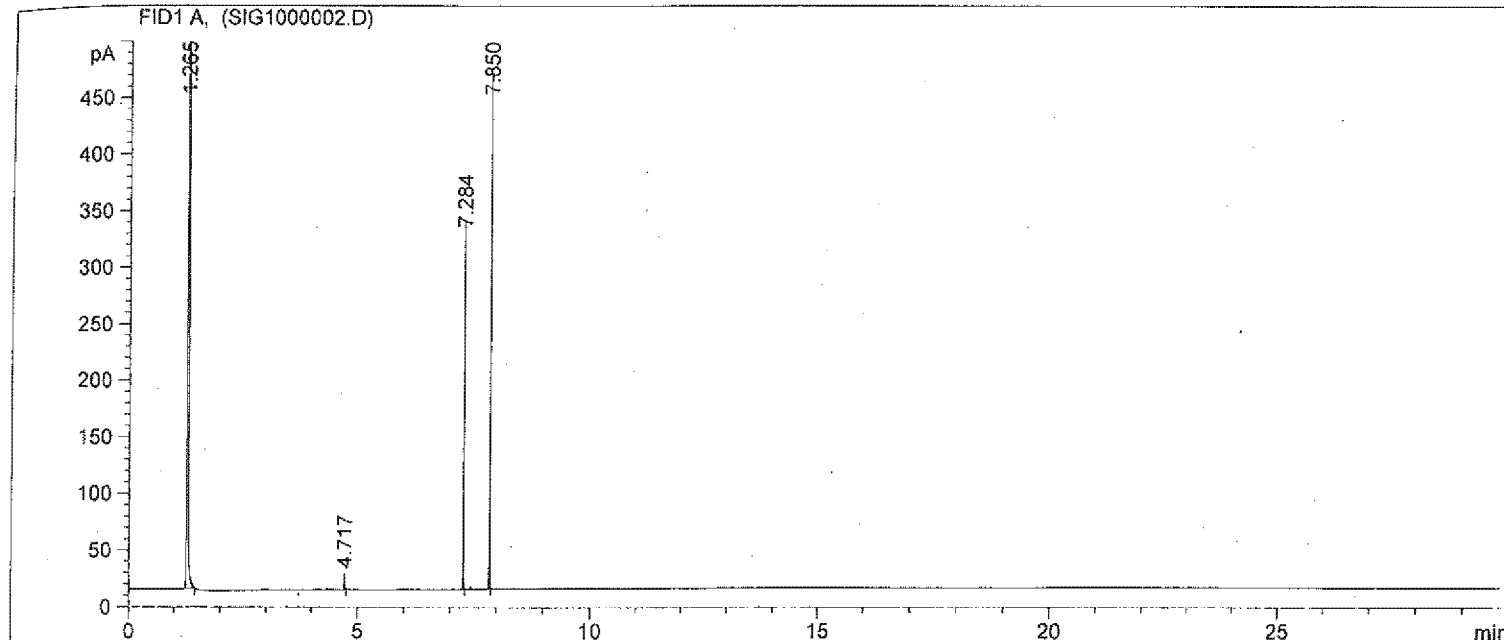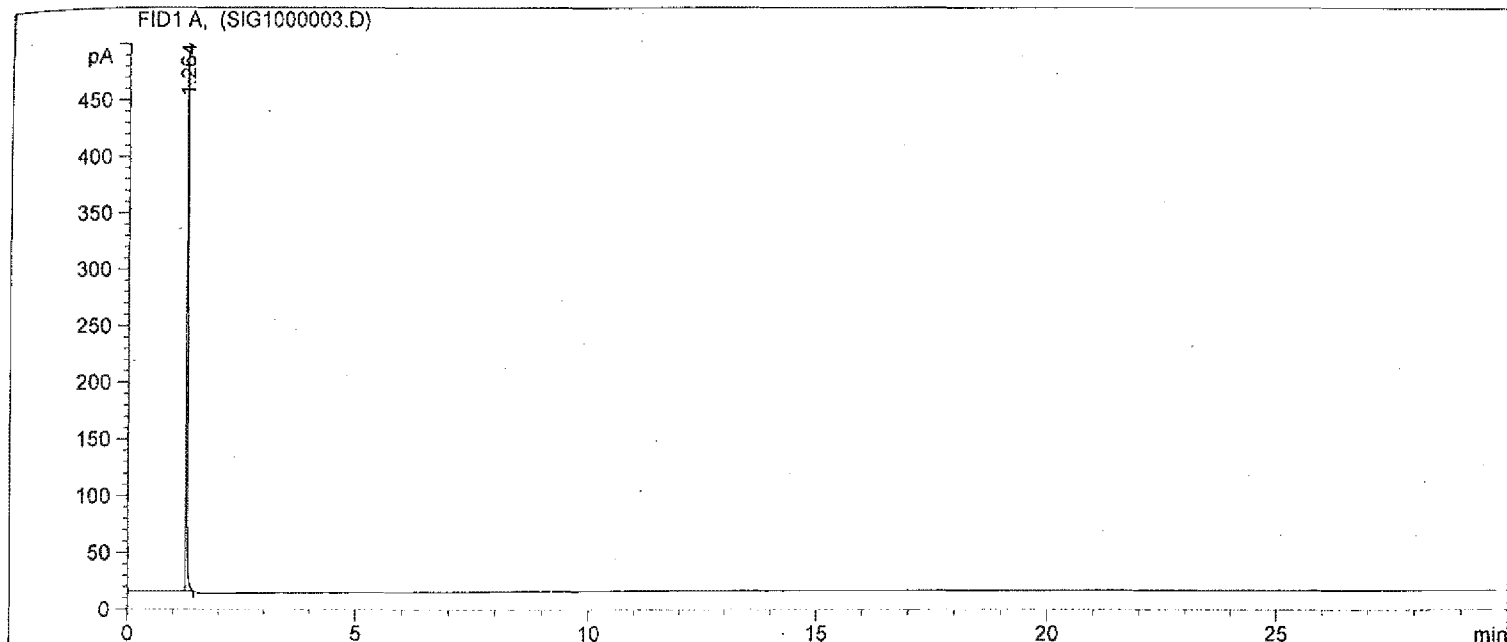
Operator   :   Seq. Line :   3
Instrument : Drug Lab GC#3   Location : Vial 3
Injection Date : 12/21/2010 11:38:38 AM   Inj :   1
                                                 Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

===

===

                      Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
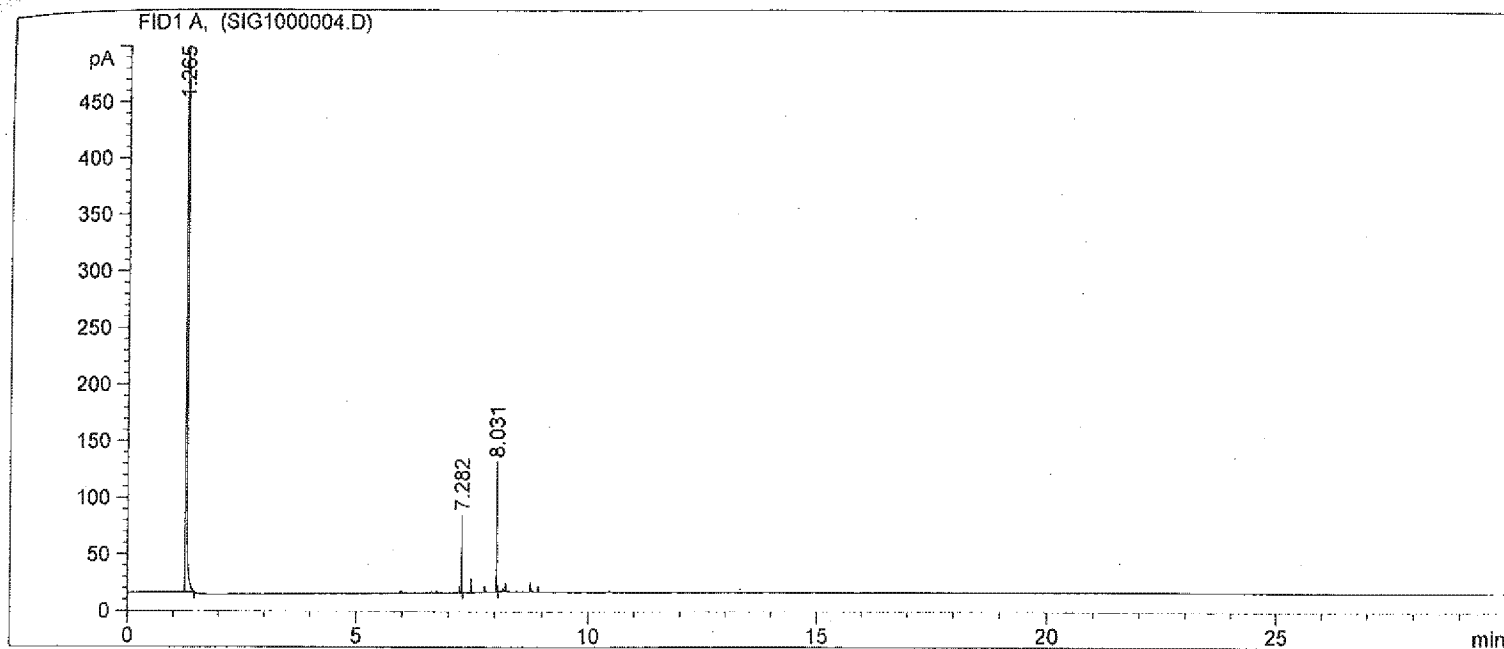Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   1.264   1 BB S 7.73454e4 7.82655e4 1.000e2

Totals :   7.73454e4 7.82655e4

===

                   *** End of Report ***

```
Operator        :
Instrument      : Drug Lab GC#3                    Seq. Line :    4
Injection Date  : 12/21/2010 12:12:57 PM           Location : Vial 4
                                                        Inj :    1
                                              Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method          : C:\CHEM32\1\METHODS\SCREEN.M
Last changed    : 8/3/2010 11:51:05 AM
```


FID1 A, (SIG1000004.D)

==
                    Area Percent Report
==

```
Sorted By            :         Retention Time
Multiplier:                 :         1.0000
Dilution:                   :         1.0000
Sample Amount:              :         1.00000  [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

```
Peak RetTime Sig Type   Area        Height      Area
 #    [min]            [pA*s]       [pA]         %
----|-------|---|----|----------|----------|--------|
  1   1.265  1  BB S 7.78546e4  7.85751e4  99.81164
  2   7.282  1  BB     50.75408   67.40045   0.06507
  3   8.031  1  BB     96.17229  113.86221   0.12330

Totals :             7.80015e4  7.87564e4
```
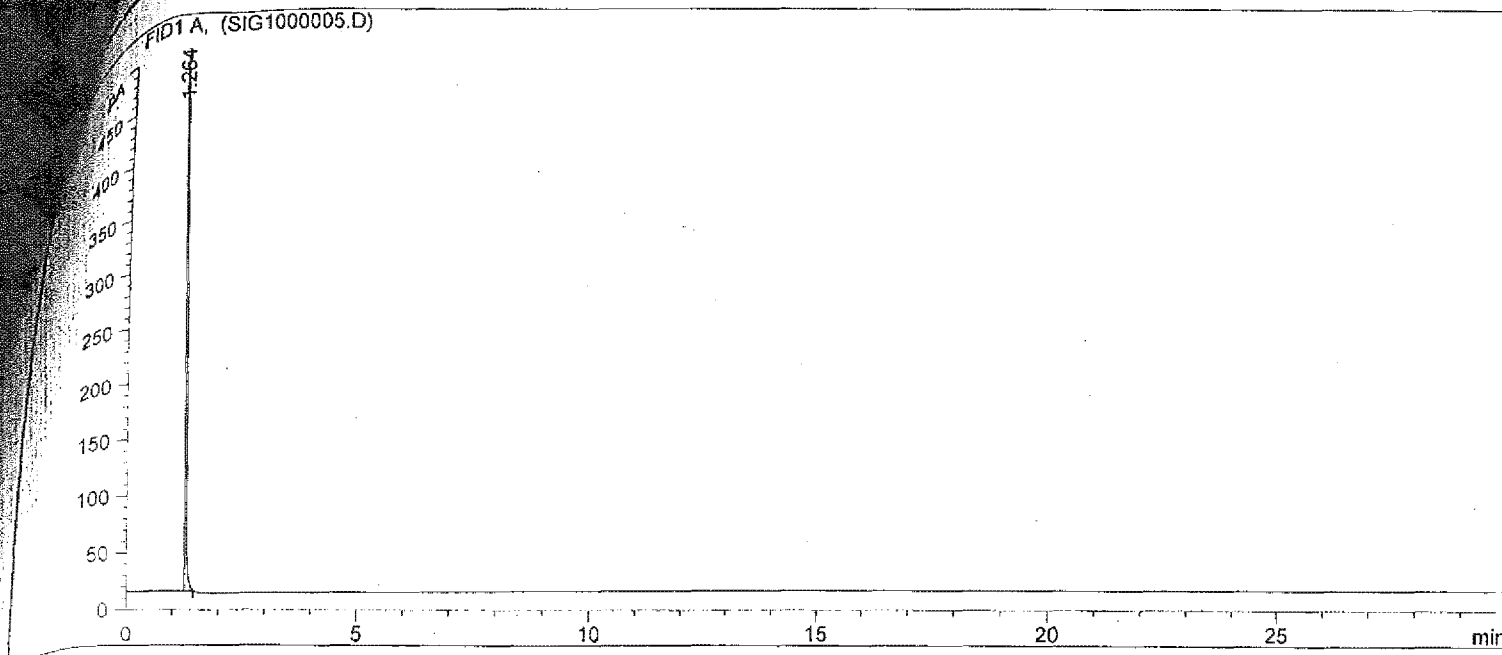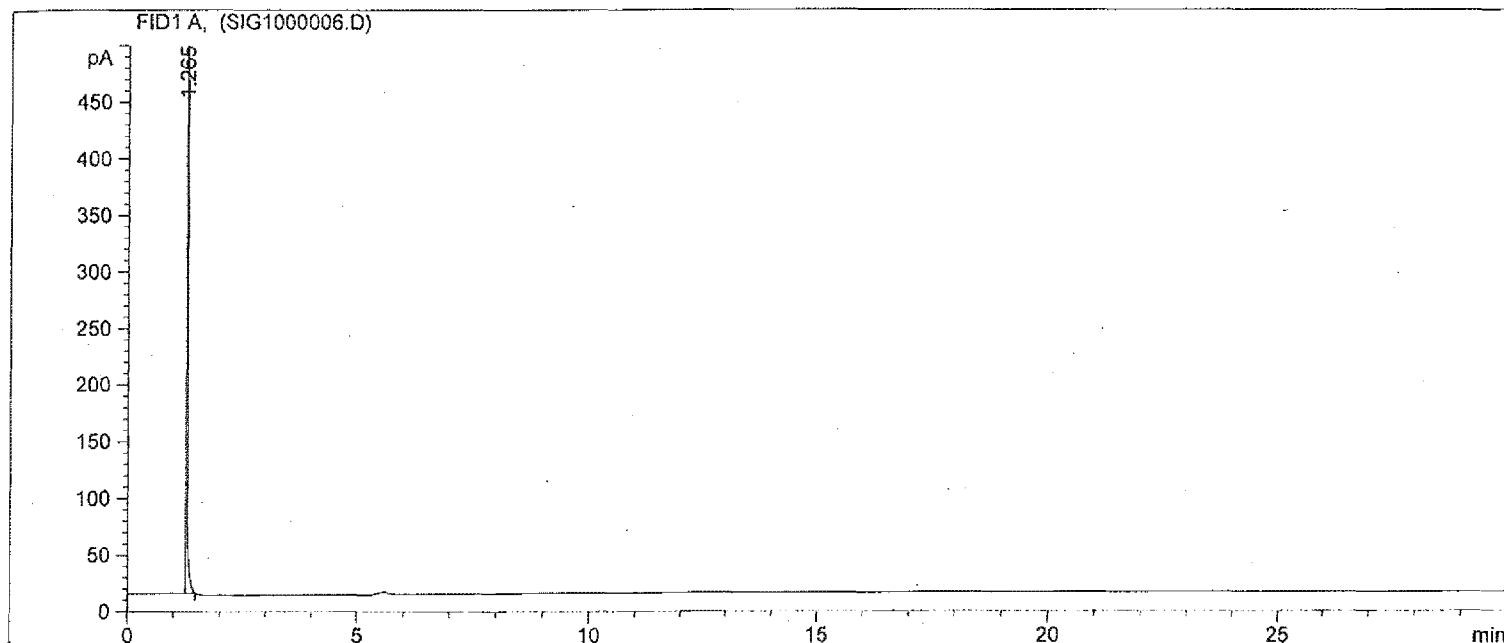
==

                   *** End of Report ***

==

```
=============================================================
                                    Seq. Line :    5
   Drug Lab GC#3                     Location : Vial 5
   12/21/2010 12:47:25 PM               Inj :    1
                                   Inj Volume : 1 µl
      : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
      : C:\CHEM32\1\METHODS\SCREEN.M
      : 8/3/2010 11:51:05 AM
=============================================================
```


FID1 A, (SIG1000005.D)

```
=============================================================
                    Area Percent Report
=============================================================

Sorted By            :        Retention Time
Multiplier:          :            1.0000
Dilution:            :            1.0000
Sample Amount:       :            1.00000  [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area       Height     Area
 #   [min]           [pA*s]       [pA]        %
----|-------|---|----|----------|----------|--------|
  1  1.264   1  BB S 7.64288e4   7.54045e4  1.000e2

Totals :              7.64288e4   7.54045e4


=============================================================
                  *** End of Report ***
```
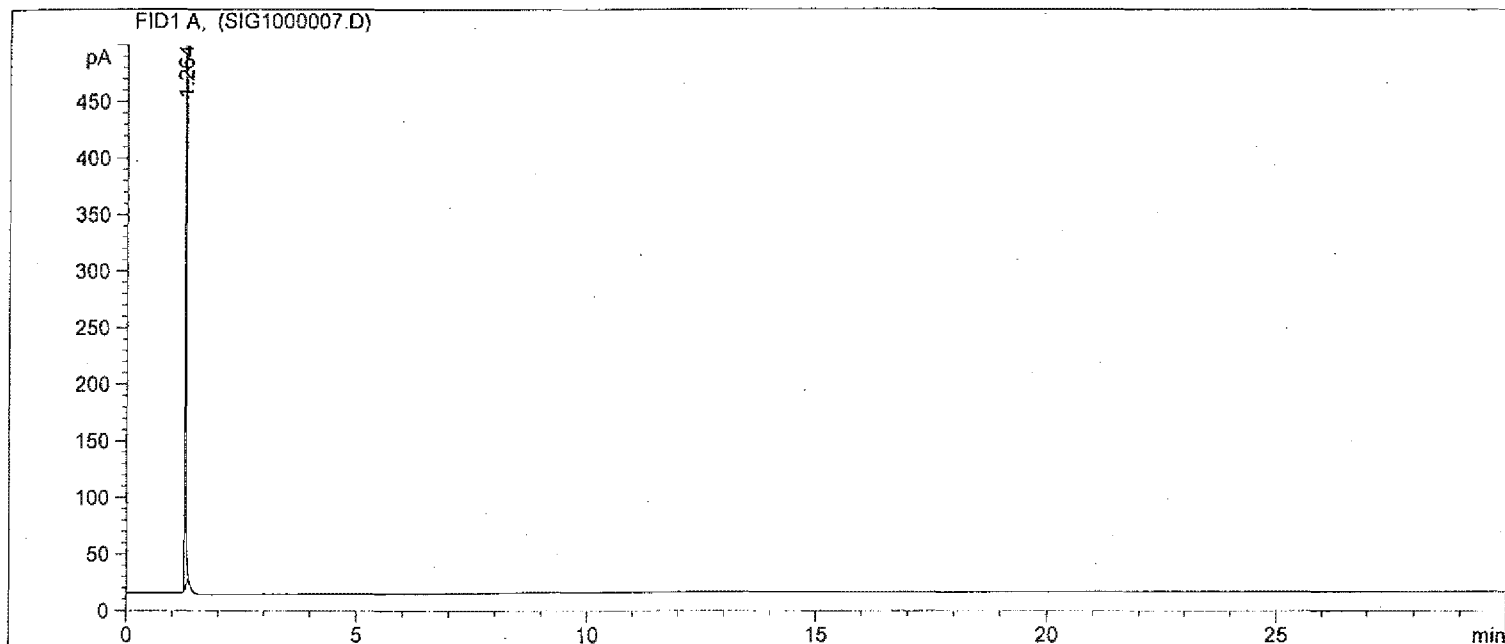
Drug Lab GC#3 12/21/2010 1:17:25 PM   Page   1 of 1

===

Acq. Operator : Seq. Line : 6
Acq. Instrument : Drug Lab GC#3 Location : Vial 6
Injection Date : 12/21/2010 1:21:45 PM Inj : 1
Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method : C:\CHEM32\1\METHODS\SCREEN.M
Last changed : 8/3/2010 11:51:05 AM

===

===
                        Area Percent Report
===

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Sample Amount: : 1.00000 [ng/ul] (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  # [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1 1.265   1 BB S 7.62477e4   7.78478e4 1.000e2

Totals :   7.62477e4   7.78478e4

===
                      *** End of Report ***

===

Acq. Operator   :   Seq. Line :   7
Acq. Instrument : Drug Lab GC#3   Location : Vial 7
Injection Date : 12/21/2010 1:56:14 PM   Inj :   1
                                          Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

===

===

Area Percent Report

===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   1.264 1 BB S 7.45916e4 7.49323e4 1.000e2

Totals :   7.45916e4 7.49323e4

===

*** End of Report ***

===

```
================================================================
                    Area Percent Report
================================================================

Sorted By            :         Retention Time
Multiplier:                    :        1.0000
Dilution:                      :        1.0000
Sample Amount:                 :        1.00000 [ng/ul]    (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type     Area        Height       Area
 #   [min]            [pA*s]        [pA]          %
----|-------|---|----|----------|----------|--------|
 1   1.265  1  BB S 7.83634e4  7.77746e4  1.000e2

Totals :            7.83634e4  7.77746e4


================================================================
                  *** End of Report ***
```

===

	Seq. Line : 18
...ator :	Location : Vial 18
...rument : Drug Lab GC#3	Inj : 1
Date : 12/21/2010 8:14:16 PM	Inj Volume : 1 µl

File : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
     : C:\CHEM32\1\METHODS\SCREEN.M
...ged : 8/3/2010 11:51:05 AM

===

FID1 A, (SIG1000018.D)

===
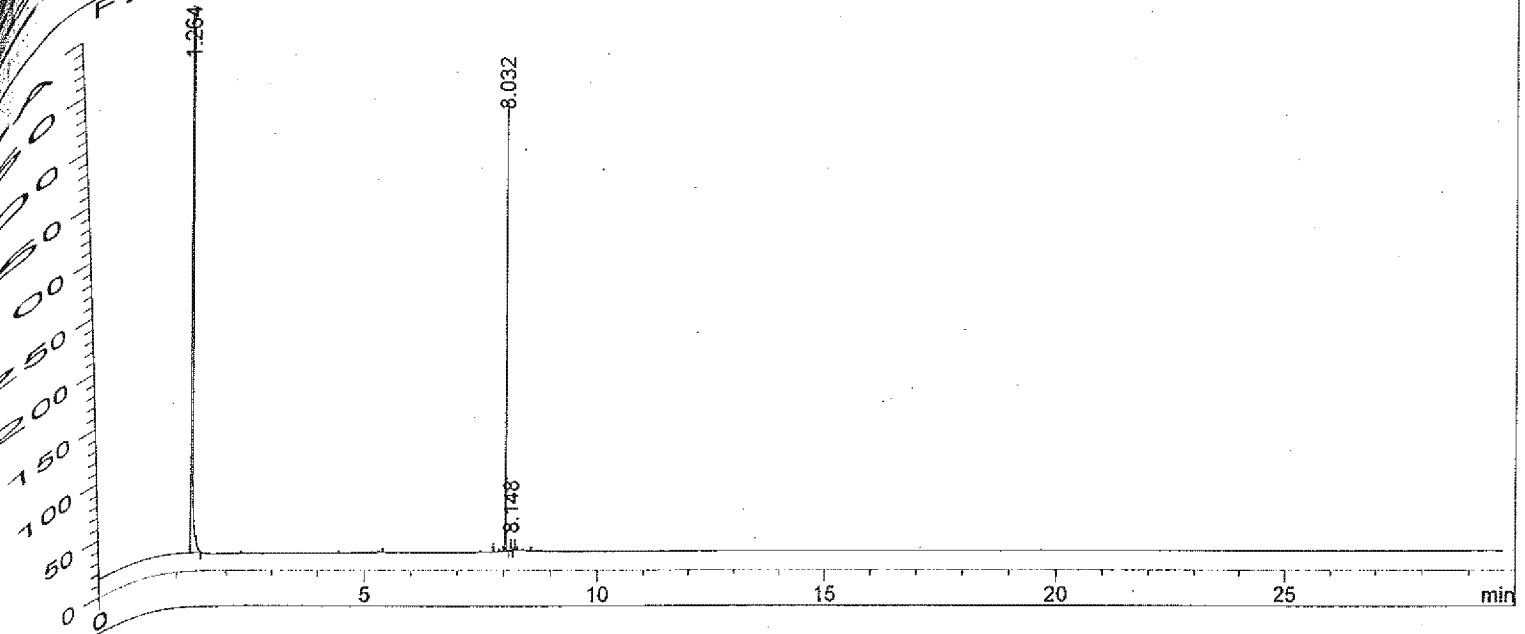
Area Percent Report

===

	:	Retention Time	
	:	1.0000	
	:	1.0000	
...ple Amount:	:	1.00000 [ng/ul]	(not used in calc.)

...not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1.264	1	BB S	7.50622e4	7.37235e4	99.53846
8.032	1	BB	333.63428	386.29715	0.44243
8.148	1	BV	14.41481	10.43399	0.01912
Totals :			7.54103e4	7.41203e4	

===

*** End of Report ***

GC#3 12/21/2010 8:44:17 PM

VKAC
11/21/11

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762529.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010 20:16
Sample Name   : BLANK
Submitted by   : ASD
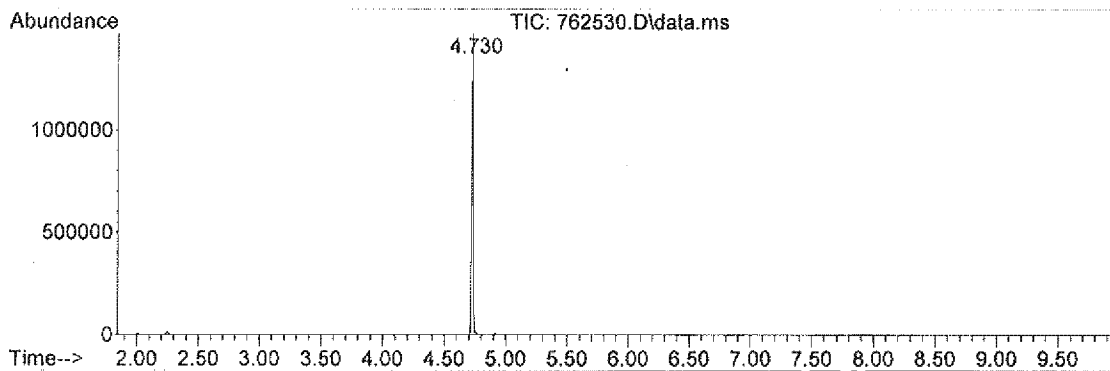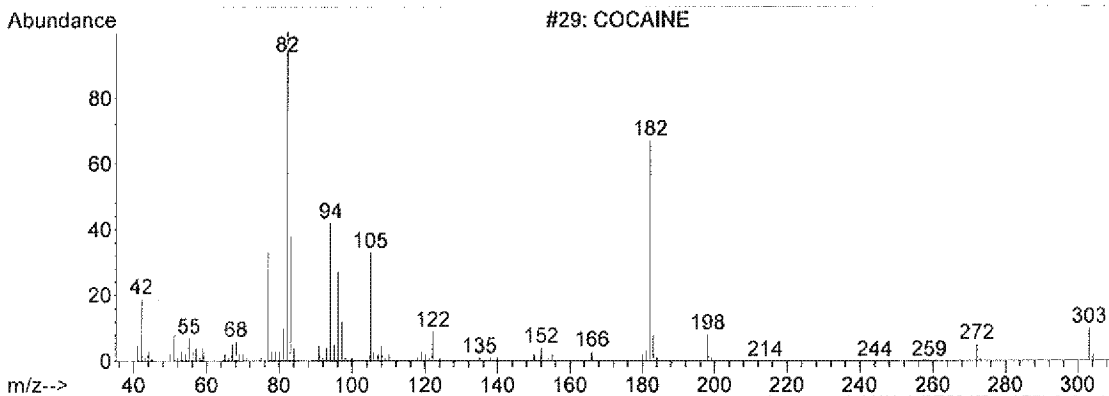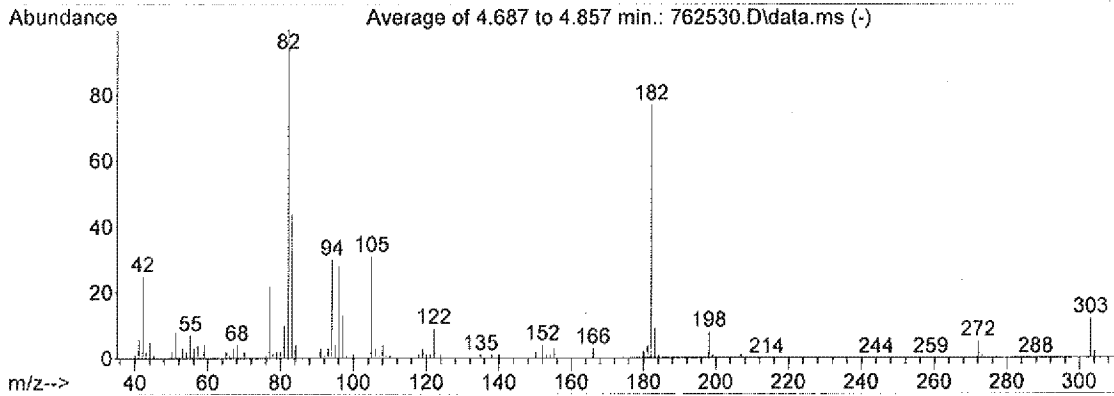Vial Number   : 1
AcquisitionMeth: DRUGS
Integrator   : RTE
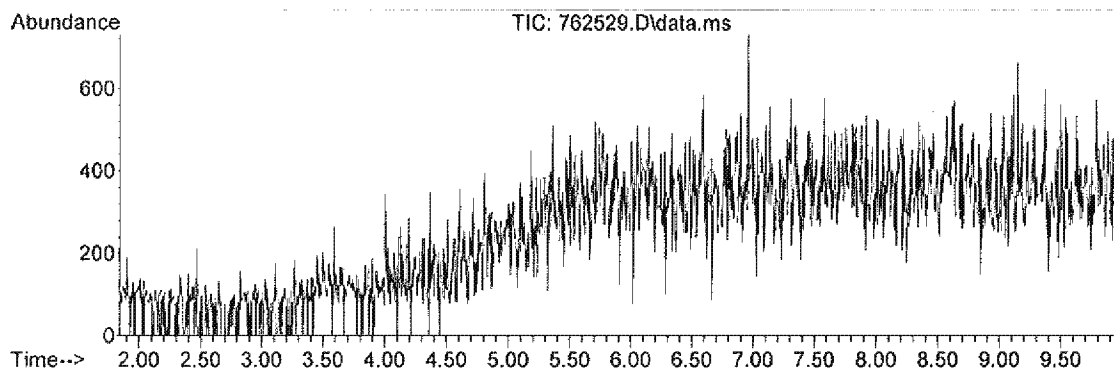
Abundance   TIC: 762529.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

762529.D   Mon Nov 21 13:23:52 2011   Page 1

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762530.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010 20:29
Sample Name   : COCAINE STD
Submitted by   : ASD
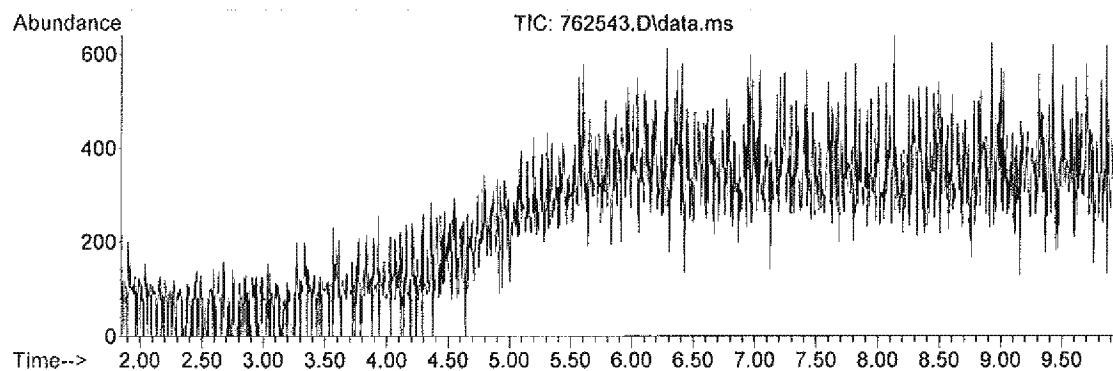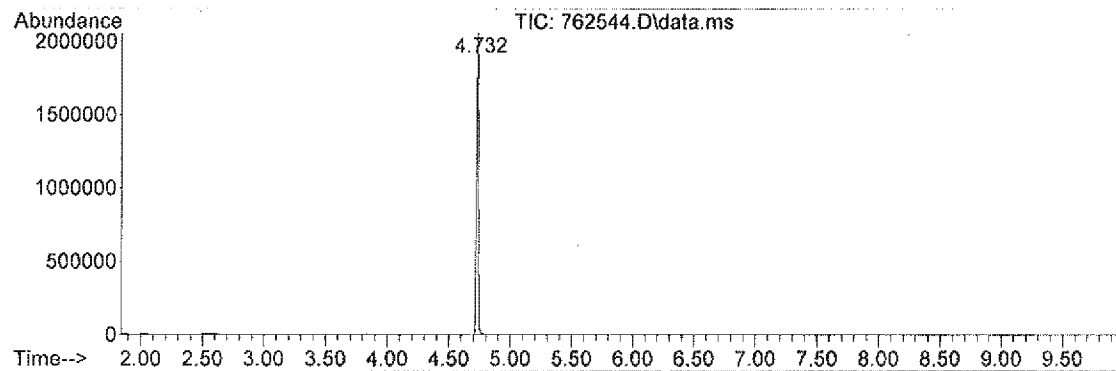Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Abundance   TIC: 762530.D\data.ms

              4.730

1000000

500000

    0
Time--> 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50

Ret. Time   Area   Area %   Ratio %

4.730   1306065   100.00   100.00

762530.D   Mon Nov 21 13:24:05 2011   Page 1

Information from Data File:
```
File Name        : F:\Q4-2010\SYSTEM4\12_23_10\762530.D
Operator         : ASD/KAC
Date Acquired    : 23 Dec 2010  20:29
Sample Name      : COCAINE STD
Submitted by     : ASD
Vial Number      :  15
AcquisitionMeth: DRUGS
Integrator       : RTE
```

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST05a.L	Minimum Quality: 70
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Abundance   Average of 4.687 to 4.857 min.: 762530.D\data.ms (-)

Abundance   #29: COCAINE

```
Information from Data File:
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762543.D
Operator       : ASD/KAC
Date Acquired  : 23 Dec 2010  23:26
Sample Name    : BLANK
Submitted by   : ASD
Vial Number    :  1
AcquisitionMeth: DRUGS
Integrator     : RTE
```


TIC: 762543.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762544.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010   23:39
Sample Name   : ███████
Submitted by : ASD
Vial Number   : 44
AcquisitionMeth: DRUGS
Integrator   : RTE

Abundance
TIC: 762544.D\data.ms
4.732

Ret. Time	Area	Area %	Ratio %
4.732	2321692	100.00	100.00

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762544.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010 23:39
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 44
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 70
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.684 to 4.854 min.: 762544.D\data.ms (-)

#29: COCAINE

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Folk_OIG_PRR_043878
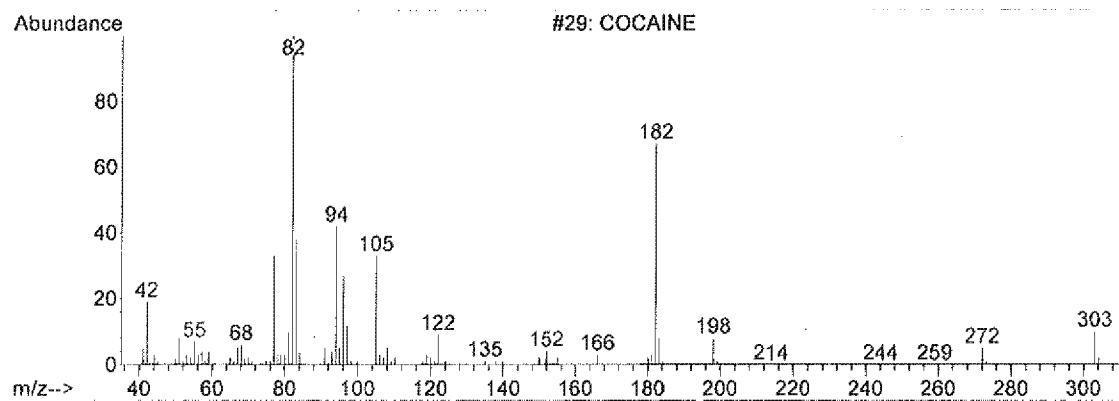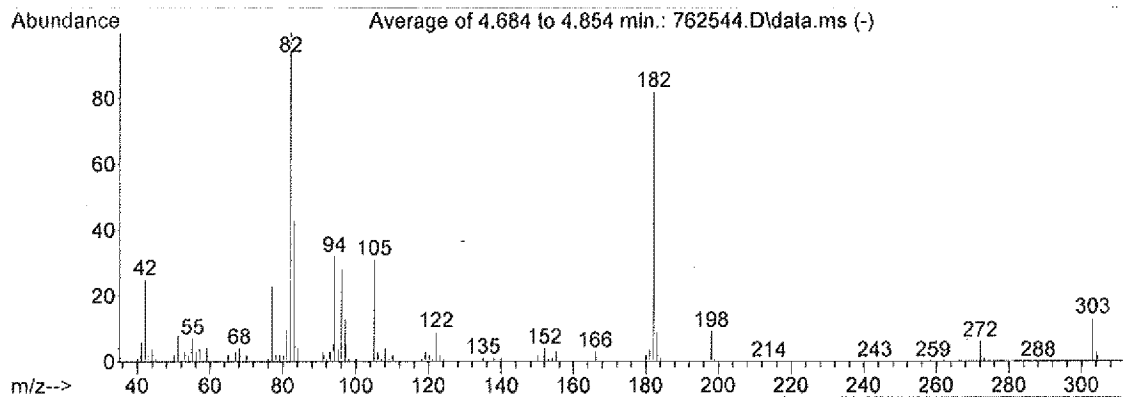
Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762545.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010 23:53
Sample Name   : BLANK
Submitted by   : ASD
Vial Number   :   1
AcquisitionMeth: WDRUGS
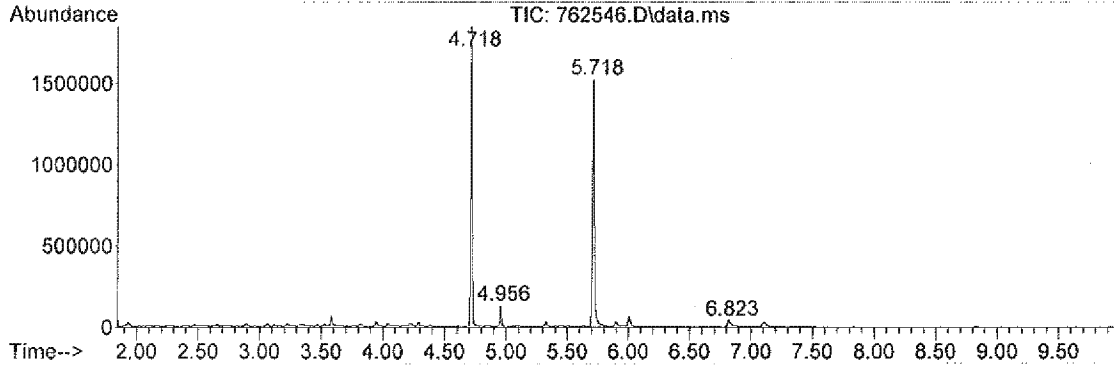Integrator   : RTE
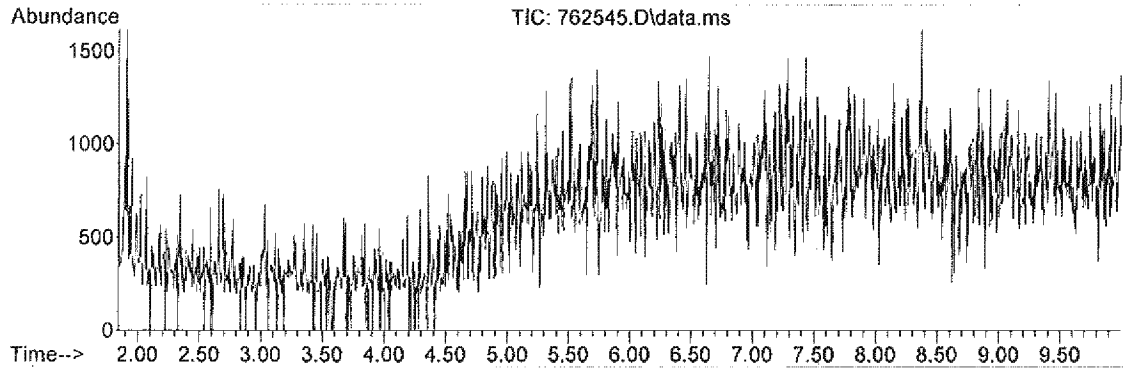
Abundance   TIC: 762545.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

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Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010   00:07
Sample Name   : ██████████
Submitted by   : ASD
Vial Number   : 46
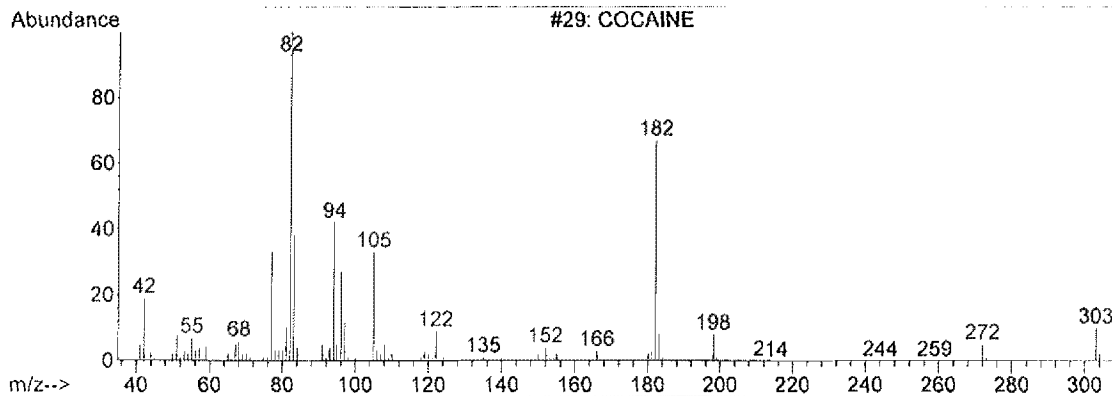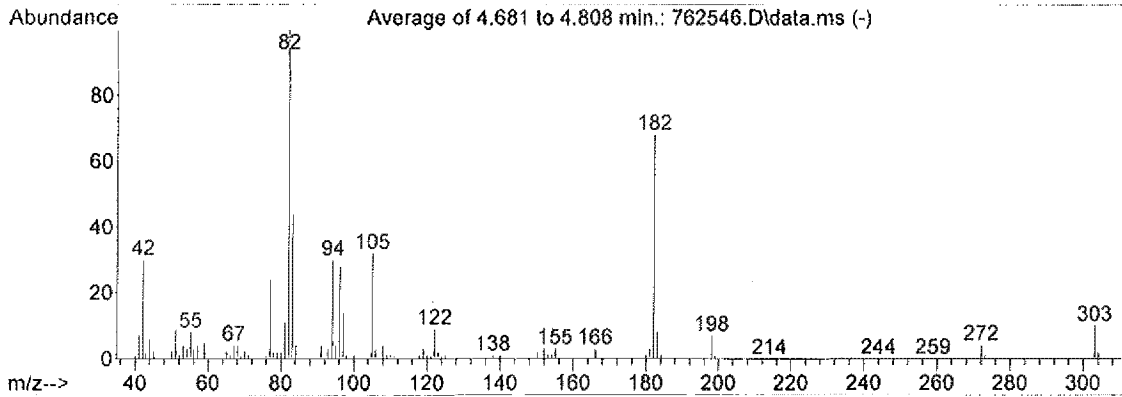AcquisitionMeth: WDRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.718	1550247	43.06	85.02
4.956	121641	3.38	6.67
5.718	1823494	50.65	100.00
6.823	104750	2.91	5.74

```
Information from Data File:
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator       : ASD/KAC
Date Acquired  : 24 Dec 2010   00:07
Sample Name    : ███████████
Submitted by   : ASD
Vial Number    : 46
AcquisitionMeth: WDRUGS
Integrator     : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 70
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.681 to 4.808 min.: 762546.D\data.ms (-)
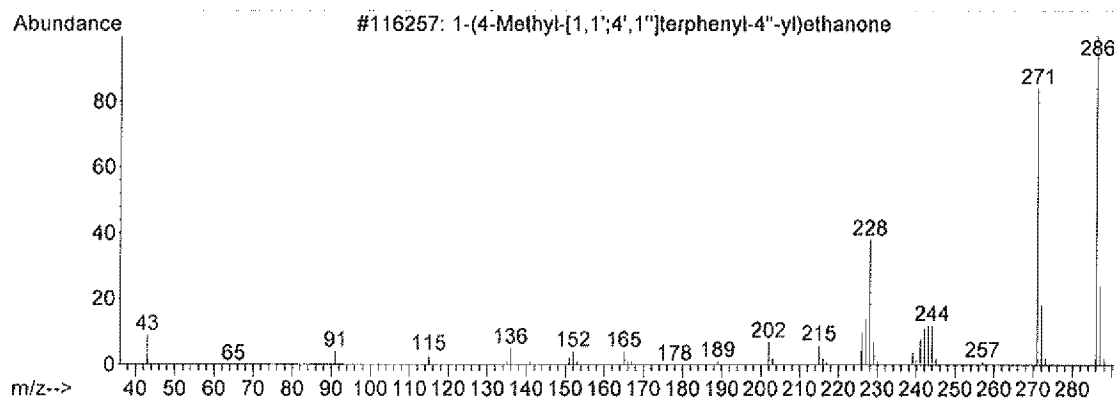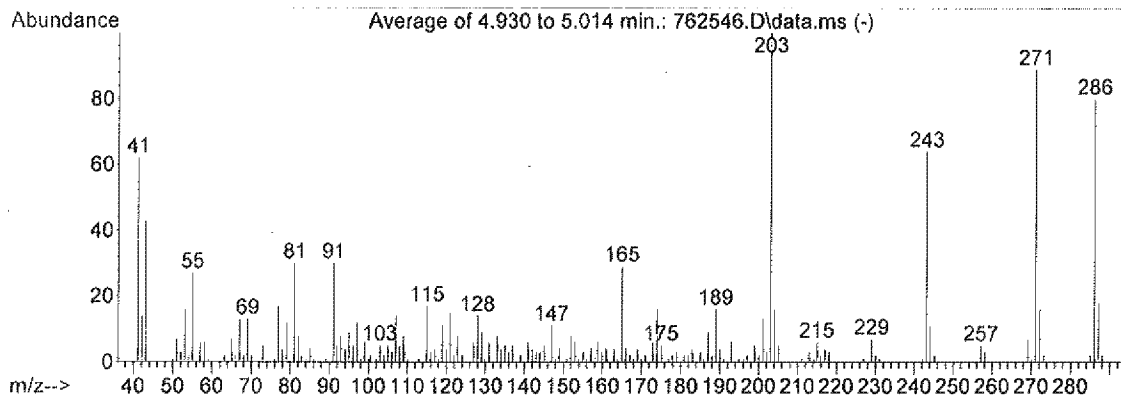

#29: COCAINE

Information from Data File:
```
File Name        : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator         : ASD/KAC
Date Acquired    : 24 Dec 2010  00:07
Sample Name      : ███████████
Submitted by     : ASD
Vial Number      : 46
AcquisitionMeth: WDRUGS
Integrator       : RTE
```

Search Libraries:	C:\Database\SLI.L		Minimum Quality: 80
	C:\Database\NIST05a.L		Minimum Quality: 70
	C:\Database\PMW_TOX2.L		

PK#	RT	Library/ID	CAS#	Qual
2	4.96	C:\Database\NIST05a.L		
		1-(4-Methyl-[1,1';4',1'']terphenyl-	149248-34-0	70
		6-Amino-5,8-dimethoxy-4-methyl-2-[t	085868-17-3	38
		2,9-Dimethyl-2,3,4,5,6,7-hexahydro-	077581-11-4	25

Abundance — Average of 4.930 to 5.014 min.: 762546.D\data.ms (-)

Abundance — #116257: 1-(4-Methyl-[1,1';4',1'']terphenyl-4''-yl)ethanone

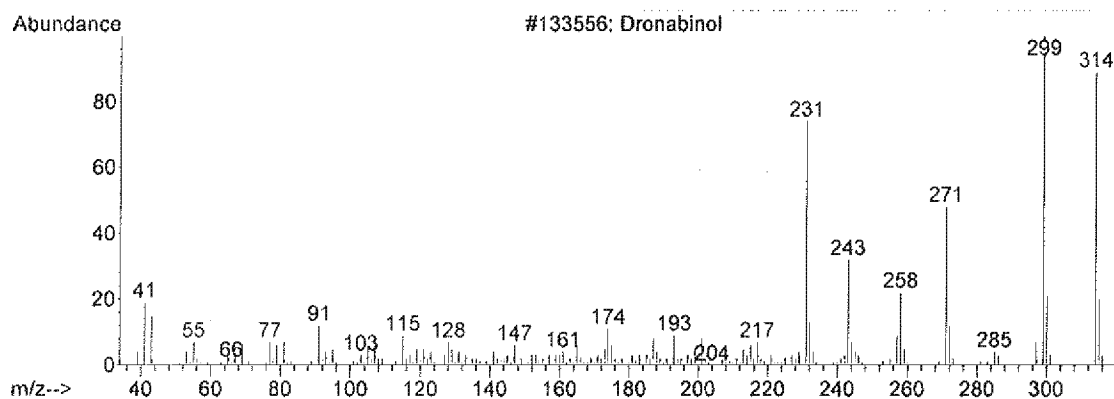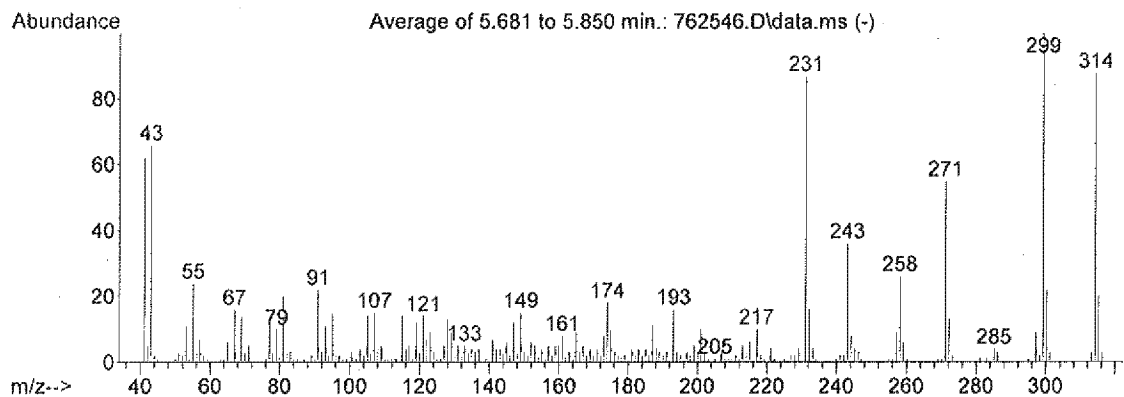762546.D   Mon Nov 21 13:21:26 2011   Page 3
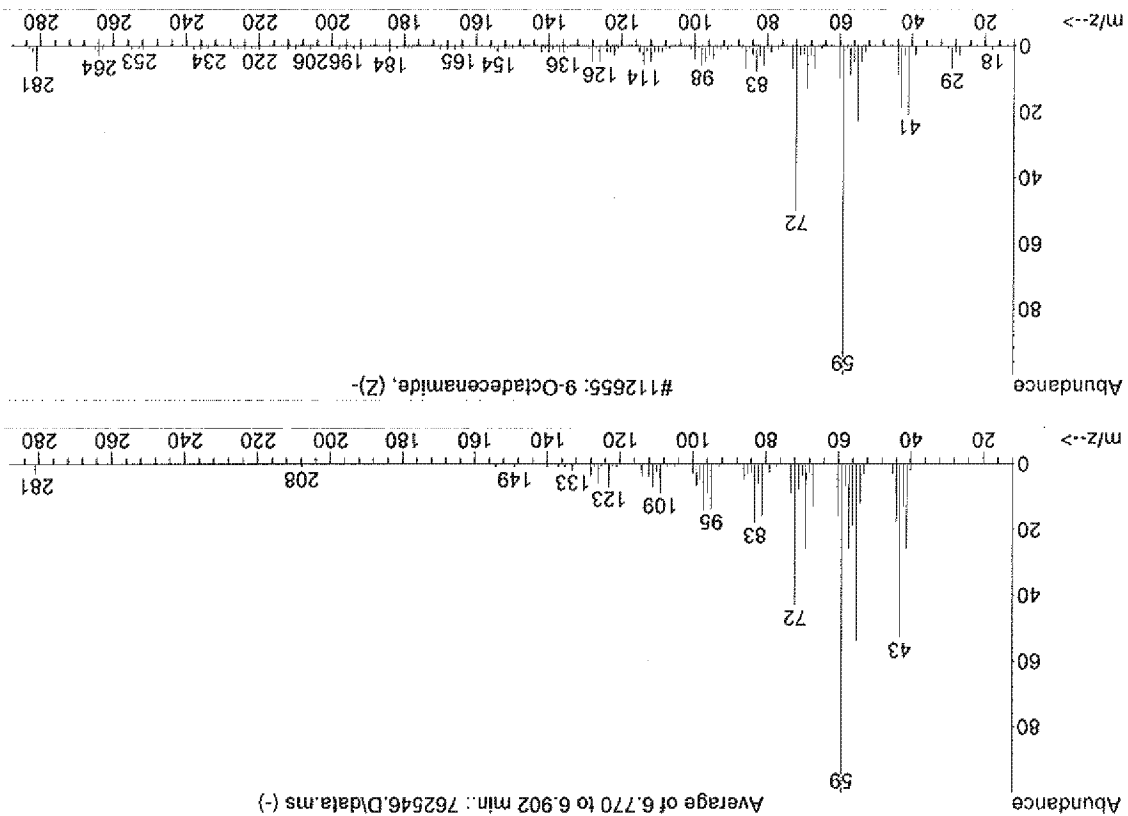
Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010   00:07
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 46
AcquisitionMeth: WDRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 70
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	5.72	C:\Database\NIST05a.L		
		Dronabinol	001972-08-3	99
		Dronabinol	001972-08-3	99
		Dronabinol	001972-08-3	95

Abundance   Average of 5.681 to 5.850 min.: 762546.D\data.ms (-)

Abundance   #133556: Dronabinol

Folk_OIG_PRR_043883

Area Percent / Library Search Report

Information from Data File:

File Name	:	F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator	:	ASD/KAC
Date Acquired	:	24 Dec 2010 00:07
Sample Name	:	███████████
Submitted by	:	ASD
Vial Number	:	46
AcquisitionMeth:		WDRUGS
Integrator	:	RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
   C:\Database\NIST05a.L   Minimum Quality: 70
                     C:\Database\PMW_TOX2.L

Pk#	RT	Library/ID	CAS#	Qual
4	6.82	C:\Database\NIST05a.L		
		9-Octadecenamide, (Z)-	000301-02-0	87
		Hexadecanamide	000629-54-9	64
		Nonadecanamide	058185-32-3	56

Average of 6.770 to 6.902 min.: 762546.D\data.ms (-)

#112655: 9-Octadecenamide, (Z)-

Information from Data File:
```
File Name        : F:\Q4-2010\SYSTEM4\12_23_10\762548.D
Operator         : ASD/KAC
Date Acquired    : 24 Dec 2010  00:35
Sample Name      : BLANK
Submitted by     : ASD
Vial Number      :  1
AcquisitionMeth: DRUGS
Integrator       : RTE
```
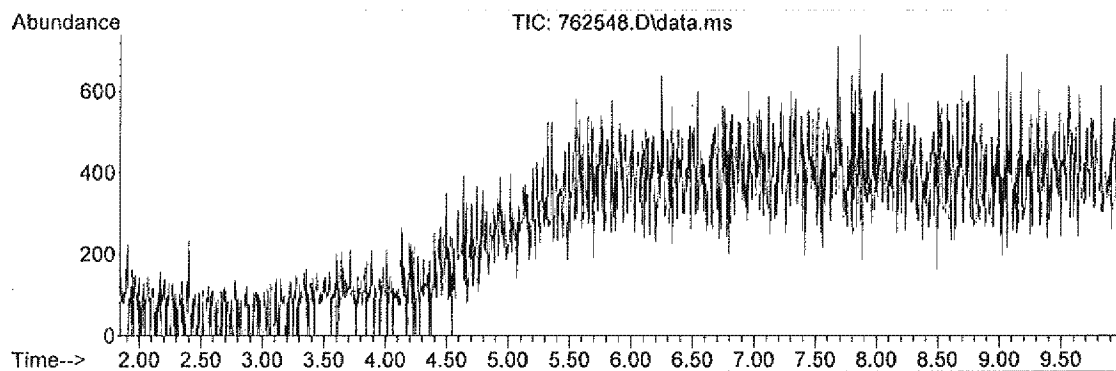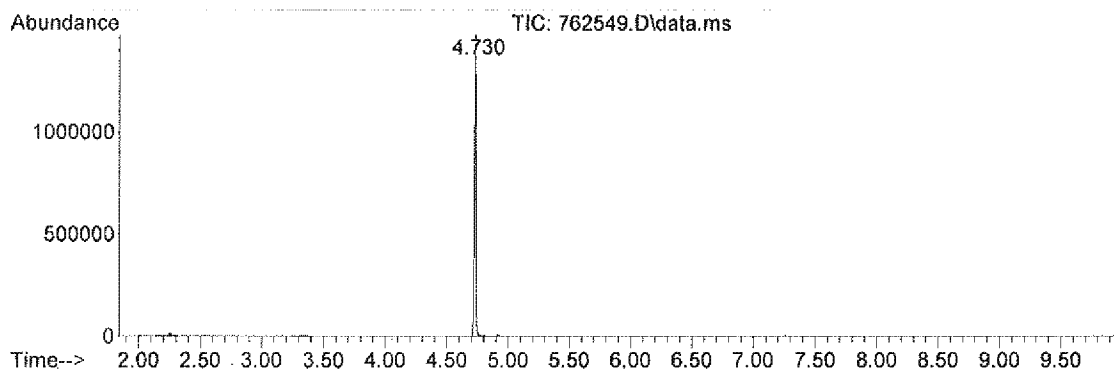

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762549.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010   00:49
Sample Name   : COCAINE STD
Submitted by   : ASD
Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.730	1328065	100.00	100.00

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762549.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010 00:49
Sample Name   : COCAINE STD
Submitted by   : ASD
Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 70
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.693 to 4.852 min.: 762549.D\data.ms (-)

#29: COCAINE

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